

SOUTHERN CALIFORNIA



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**Riverside County Transportation Commission:** Robin Lowe, Hemet

**Ventura County Transportation Commission:** Keith Millhouse, Moorpark

## MEETING OF THE

# ENERGY WORKING GROUP

**Tuesday, August 22, 2006  
12:30 p.m. – 2:30 p.m.**

**SCAG Offices  
818 W. 7<sup>th</sup> Street, 12<sup>th</sup> Floor  
Riverside B Conference Room  
Los Angeles, California 90017  
213.236.1800**

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Deby Salcido at 213.236.1993 or [salcido@scag.ca.gov](mailto:salcido@scag.ca.gov)

Agenda and minutes are available on the web at:  
<http://scag.ca.gov/rcp/ewg.htm>

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# ENERGY WORKING GROUP

## AGENDA

August 22, 2006

### 1.0 CALL TO ORDER

Honorable  
Debbie Cook, Chair

### 2.0 PUBLIC COMMENT PERIOD

Members of the public desiring to speak on an agenda item or items not on the agenda, but within the purview of the Committee, must fill out and present a speaker's card to the Assistant prior to speaking. A speaker's card must be turned in before the meeting is called to order. Comments will be limited to three minutes. The chair may limit the total time for all comments to twenty (20) minutes.

### 3.0 REVIEW and PRIORITIZE AGENDA ITEMS

### 4.0 CONSENT CALENDAR

#### 4.1 Minutes of June 27, 2006

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### 5.0 ACTION ITEMS

### 6.0 INFORMATION ITEMS

#### 6.1 Energy Transportation Technologies Attachment

Edward Kjaer  
SCE - Director of  
Electronic Transp.

04 60 Minutes

Edward Kjaer will present information on  
Electro-drive transportation technologies.

#### 6.2 Energy Chapter Basic Structure Attachment

Jacob Lieb  
SCAG Staff

05 30 Minutes

Staff will present the Energy Chapter Structure  
and provide sample outcomes and strategies  
for discussion.



# ENERGY WORKING GROUP

## AGENDA

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### 6.3 California's Energy Action Plan

**Jennifer Sarnecki**  
**SCAG Staff**

**15 Minutes**

Staff requests additional discussion on the EAP and 2007 Integrated Energy Action Plan.

### 6.4 Group Recommendations for Future Speakers

**Jennifer Sarnecki**  
**SCAG Staff**

**15 Minutes**

Staff requests input from the group regarding future speakers, highlighting energy innovators and local best practices.

### 7.0 CHAIR'S REPORT

**Honorable**  
**Debbie Cook, Chair**

### 8.0 STAFF REPORT

#### 8.1 Introduction of the Energy Consultant

### 9.0 FUTURE AGENDA ITEMS

Any Committee members or staff desiring to place items on a future agenda may make such request. Comments should be limited to three (3) minutes.

### 10.0 ANNOUNCEMENTS

### 11.0 ADJOURNMENT

The Energy Working Group will discuss future meeting dates and times.

The following minutes are a summary of actions taken by the Energy Working Group.

The Energy Working Group held its meeting at the Southern California Association of Governments offices in Los Angeles. The meeting was called to order by Chair Debbie Cook, City of Huntington Beach.

### **Members Present**

### **Representing**

Carol Gomez	SCAQMD
Margaret Clark	City of Rosemead
Darrell Clarke	Sierra Club
Katrina Rosa	HDR
Debbie Cook	City of Huntington Beach
Dick Lowry	Sharp Solar
Woody Clark	Milken Institute
Brad Packer	LA DWP
Mark Revilla	LACSD
Angela Mazzie	L.A. County
Gene Beck	Environtech
Kate Lutz	CA for Clean Energy
Catherine Showalter	UCLA Extension

### **1.0 CALL TO ORDER**

Debbie Cook, Chair, called the meeting to order at 12:15 p.m.

### **2.0 PUBLIC COMMENT PERIOD**

None offered.

### **3.0 REVIEW AND PRIORITIZE AGENDA ITEMS**

### **4.0 CONSENT CALENDAR**

#### **4.1 Approval of the May 23, 2006 Minutes.**

The minutes of May 23, 2006 were approved as submitted.

### **5.0 ACTION ITEMS**

None

### **6.0 DISCUSSION ITEMS**

#### **6.1 California Energy Action Plan**

Thom Kelly, Assistant Executive Director of California Energy Commission, presented the California Energy Action Plan.

The following are some of the issues/concerns raised by the group:

- Metering for solar homes
- Number of solar roofs in the state, region
- Rebates/incentives for solar thermal
- The need for more information from home builders
- Wind credit
- What is the energy connection to infrastructure planning and bond initiatives
- Financing for new energy infrastructure
- The state should prioritize permitting for renewable energy generation facilities
- The Renewable Portfolio Standard should be mandatory as in other states
- More pump storage capacity is necessary
- SCAG could propose that the state require manufacturers develop appliances that power down
- Regulation is necessary to allow distributed generation storage and connections
- Natural gas is not a reliable source of energy
- The state needs a diverse portfolio of energy sources along with conservation and efficiency
- The state needs CEC and CPUC offices in Southern California

Thom Kelly addressed some of the issues/concerns raised and would provide further information after the meeting.

#### **6.2 Energy Chapter Basic Structure**

This item was postponed until the next meeting. Staff requested that the members read the materials provided in the agenda packet prior to the next meeting.

### **7.0 CHAIR'S REPORT**

Debbie Cook provided an update on recent events and publications. They will be made available on SCAG's Energy Working Group website.

**8.0 STAFF REPORT**

None

**9.0 FUTURE AGENDA ITEMS**

Staff will work with Debbie Cook, Chair, to determine the next meeting date.

**10.0 ANNOUNCEMENTS**

The Los Angeles Department of Water and Power's Draft Integrated Resource Plan is available for review. Staff will include a link to this document from SCAG's Energy Working Group website.

**11.0 ADJOURNMENT**

The meeting was adjourned at 2:15 p.m. The next meeting is to be determined.

# MEMO

**DATE:** August 22, 2006

**TO:** Energy Working Group

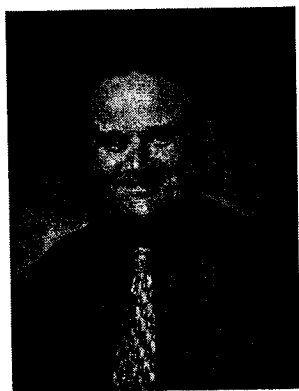
**FROM:** Jennifer Brost Sarnecki, AICP, Associate Planner, (213) 236-1829, [sarnecki@scag.ca.gov](mailto:sarnecki@scag.ca.gov)

**SUBJECT:** Energy Transportation Technologies

## SUMMARY:

Edward Kjaer will present information on Electro-drive transportation technologies. His biography is listed below.

## BACKGROUND:



### **Edward T. Kjaer, Southern California Edison, Director of Electric Transportation**

Since 1999, Edward Kjaer has been Director of the Electric Transportation Division at Southern California Edison. In his role, Mr. Kjaer is responsible for all facets of the ET Division's electro-drive activities including; system impact and assessment of Battery EV, Hybridization and Fuel Cell technologies, customer education, ET load management and energy efficiency programs, ET rates and incentives, EPACT Low Emission Vehicle (LEV) fleet compliance, and operation of the industry leading Electric Vehicle Technology Center (EVTC).

From 1996-1999, he was Director of the Automotive Division of Edison EV, a wholly-owned subsidiary of Edison Enterprises, established to build charging infrastructure for electric vehicles in California. Prior to joining Edison, Mr. Kjaer held a number of marketing positions in the automotive industry spanning over 15 years. From 1988-1996, he was the Corporate Marketing Manager at Mazda Motor of America. From 1985-1988, he worked on the Acura Automobile advertising account at Ketchum Advertising. Prior to this, he ran the Nissan Advertising account in New Zealand and was a senior member of the Datsun/Nissan "Name Change" Team.

Mr. Kjaer participates in a number of electro-drive related industry organizations, including Electric Power Research Institute (EPRI), Edison Electric Institute (EEI), he is a member of Governor Schwarzenegger's Hydrogen Highway Advisory Panel and he is on the boards of Electric Drive Technologies Association (EDTA), and the California Electric Transportation Coalition (CalETC).

In addition, Mr. Kjaer also sits on the Board of the Orange County Discovery Science Center, a non profit organization providing science related educational resources to school children and teachers in Southern California.

# MEMO

**DATE:** August 22, 2006

**TO:** Energy Working Group

**FROM:** Jacob Lieb, Acting Lead Regional Planner, (213) 236-1921, lieb@scag.ca.gov

**SUBJECT:** Regional Comprehensive Plan Chapter Format and Structure

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## SUMMARY/BACKGROUND:

At its prior meeting on May 23, the Energy Working Group requested that staff prepare a demonstration of the basic structure and format for Regional Comprehensive Plan (RCP) Chapters. The attached write-up both describes each of the elements of a plan chapter, and provides examples for energy. It should be clearly noted, however, that the outcomes and strategies shown are not proposals for inclusion in the chapter, but merely demonstrations.

### **Attachment**

Regional Comprehensive Plan (RCP) Energy Chapter: Basic Chapter Structure and Sample Outcomes/Strategies



**Southern California Association of Governments  
Regional Comprehensive Plan (RCP) Energy Chapter  
Basic Chapter Structure  
Sample Outcomes/Strategies**

**RCP Purpose and Approach**

The Regional Comprehensive Plan (RCP) promotes policy objectives of the Regional Council, fulfills and implements the new organizational Strategic Plan, and serves to assist outside parties in implementing regional plans.

**RCP Standard Chapter Sections -**

**Existing Conditions Section (“Problem Statement”)**

This section lays out the best available survey of information on the topic, emphasizing areas of particular interest consistent with performance outcomes.

**Policies**

The policy section compiles the full body of existing and new applicable regional policy in list form. This section is focused on the regional growth vision (2% Strategy) adopted in 2004.

**Performance Outcomes**

This section sets out a limited number (1-4) of specific quantified objectives. Consistent with “problem statement” emphasized in “Existing Conditions” section. The performance outcomes are the “centerpiece” of the chapter, and establish what the region is setting out to achieve.

**Strategy and Actions**

The Strategy and action section will describe specific activities intended to achieve the performance outcomes in the prior section. Shown below are generalized examples of strategies and actions. The actual plan chapter should make specific action recommendations for a variety of parties (e.g Federal governments, State, region, cities and counties).

**Resources and Bibliography**

This section will compile references and information resources.

**NOTE** – This write-up was prepared at the request of the Energy Working Group to demonstrate the intended structure of RCP Chapters. As such it presents 2 sample performance outcomes and associated actions and strategies. This *should not* be construed as a proposal to include these particular items in the plan. The RCP Purpose and Approach, and the example regional policy shown, however, do represent actions taken by the Regional Council, and will be included.

**Examples for Energy (see note)**

Section	Example 1	Example 2
Existing Conditions (problem statement)	The region is dependant on increasingly unreliable or decreasing supplies of energy (supported by data on current and projected fuel usage, price, etc).	Energy prices are too high and unreliable causing instability in the region's economy and other systems.
Policy	(The region will) develop strategies to accommodate growth that use resources efficiently, eliminate pollution and significantly reduce waste.	(The region will) develop strategies to accommodate growth that use resources efficiently, eliminate pollution and significantly reduce waste.
Performance Outcome(s)	The region will reduce consumption of fossil fuels by 50% in 20 years.	The region will limit increases in per household energy expenses to the rate of inflation.
Strategy and Actions	<p>Region will establish efficient land use patterns that reduce vehicle miles traveled.</p> <p>Region will establish infrastructure that supports reduction in personal vehicle use.</p> <p>Governments will reduce fuel consumption among fleet vehicles.</p> <p>Region will support distributed generation.</p>	<p>The region will support the development of new generation capacity.</p> <p>The region will support the development of cost effective alternative fuel technologies.</p>

**NOTE** – This write-up was prepared at the request of the Energy Working Group to demonstrate the intended structure of RCP Chapters. As such it presents 2 sample performance outcomes and associated actions and strategies. This ***should not*** be construed as a proposal to include these particular items in the plan. The RCP Purpose and Approach, and the example regional policy shown, however, do represent actions taken by the Regional Council, and will be included.